

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Young-Hoon Ko et al.

Examiner:

Serial No.: unassigned

Group/Art Unit:

Filed: herewith

Date: December 12, 2003

For: RADIAL COPOLYMER PREPARED FROM
MIXED COUPLING AGENT

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed on the attached form PTO-1449 is brought to the attention of the Examiner. A copy of the listed items is enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to a substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV333229236US addressed to: Mail Stop Patent Application, Commissioner for Patents, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: December 12, 2003


GEORGE M. KAPLAN


The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- ☒ [X] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ [] This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.
- ☐ [] To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ [] Enclosed herewith is a certificate under 37 C.F.R. § 1.97(e)(1).
- ☐ [] Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).
- ☐ [] Enclosed by check is the petition fee of \$130.00. 37 C.F.R. § 1.17(i)(1))
- ☐ [] Please charge the **\$130.00** petition fee to Deposit Account No. 04-1121.
- ☐ [] Enclosed by check is the **\$180.00** fee required by 37 C.F.R. § 1.17(p).
- ☐ [] Please charge the **\$180.00** fee required by 37 C.F.R. § 1.17(p) to Deposit Account No. 04-1121.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account **04-1121**. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. **04-1121** therefor.
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

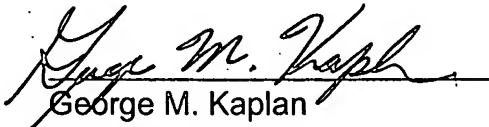

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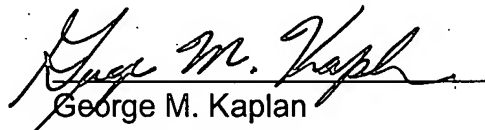

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 764-21		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANTS Young-Hoon Ko et al.			
				FILING DATE Herewith		GROUP ART UNIT	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4397994	08/83	Takeuchi et al.			
		4555548	11/85	Ueda et al.			
		5219945	06/93	Dicker et al.			
		6329467	12/01	Halasa et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
		1.	Hattori et al, "SYNTHESIS OF POLYMERS WITH PRIMARY AMINO END GROUPS, 2 a); SYNTHESIS OF POLYISOPRENE WITH PRIMARY AMINO END GROUPS AND POLY(ISOPRENE-b-γ-BENZYL-L-GLUTAMATE)S", MAKROMOL. CHEM. 184, pp. 1355-1362 (1983)				
		2.	Quirk et al, "Characterization of the Functionalization Reaction Product of Poly(styrl)lithium with Ethylene Oxide," Journal of Polymer Science; Part A; Polymer Chemistry, Vol. 26, pp. 2031-2037 (1988)				
		3.	Quirk et al, "Carbonation of Polymeric Organlitaium Compounds: Effect of Chain End Structure," Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 30, pp. 2349-2355 (1992).				
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

(Form PTO-1449 [6-4])